

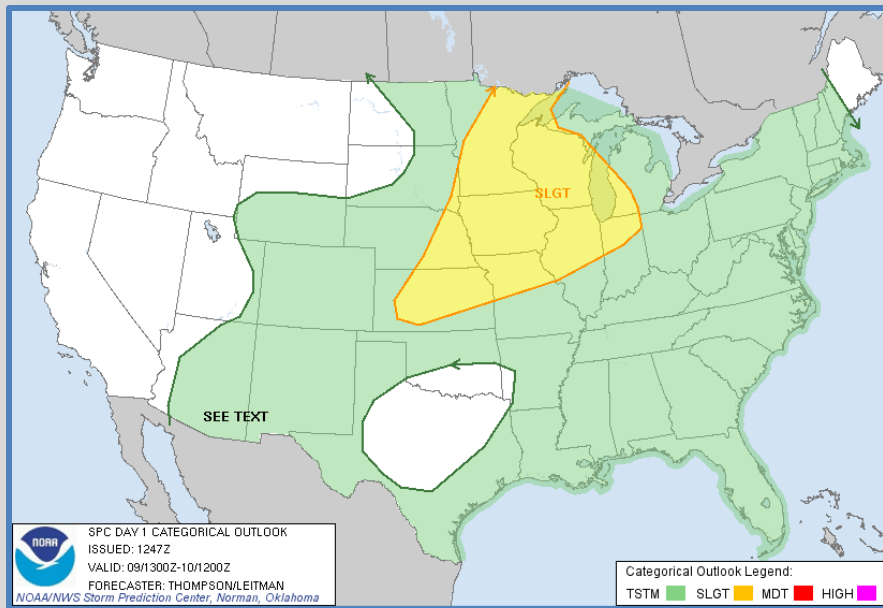


Slide #1

# Severe Weather Possible This Afternoon Through Tonight



## Severe Weather Outlook for Tuesday



Click on the Image for the Most Current  
Day 1 Severe Weather Outlook

## Event Summary

**Storms Possible This Afternoon and  
into Tonight**

**Some Damaging Wind and Hail Potential**

**Localized Flooding Also Possible**

**Posted: July 9, 2013 – 1pm EDT**

**[weather.gov/grandrapids](http://weather.gov/grandrapids)**





Slide #2

# Severe Weather Details

## This Afternoon Through Tonight



### What

- Thunderstorms over Wisconsin will weaken as they track over the lake
- Storms develop over Lower Michigan early evening
- Final line of storms moves east through the region between 6 pm-10 pm
- **Greatest Threat:** Damaging Winds
- **Lesser Threat:** Large Hail, Very Low Threat of Tornadoes
- **Localized Flooding Possible**

### When

- Storms begin around 3 pm
- Best Severe Threat between 6 pm and 10 pm with Final Line of Storms

### Where

- Southern Lower Michigan
- West of 131 and South of Interstate 96 has Best Chance for Severe Weather

### Forecast Confidence

- Confidence of Storm Development is High
- Confidence for Severe Weather is Low



[weather.gov/grandrapids](https://weather.gov/grandrapids)





Slide #3

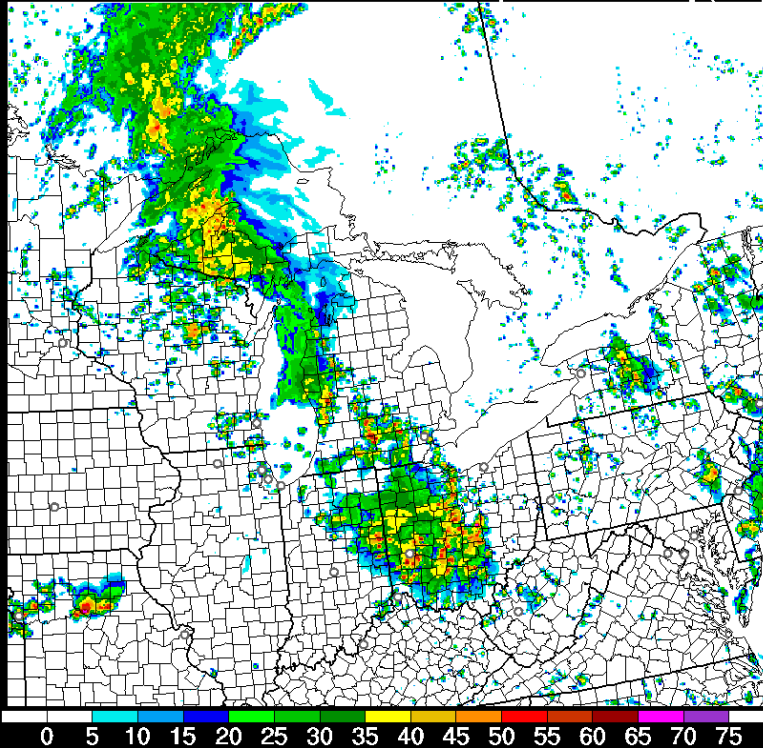
# Severe Weather Threats

## Forecast Radar Tuesday Evening



HRRR 07/09/2013 (12:00) 10h fcst - Experimental

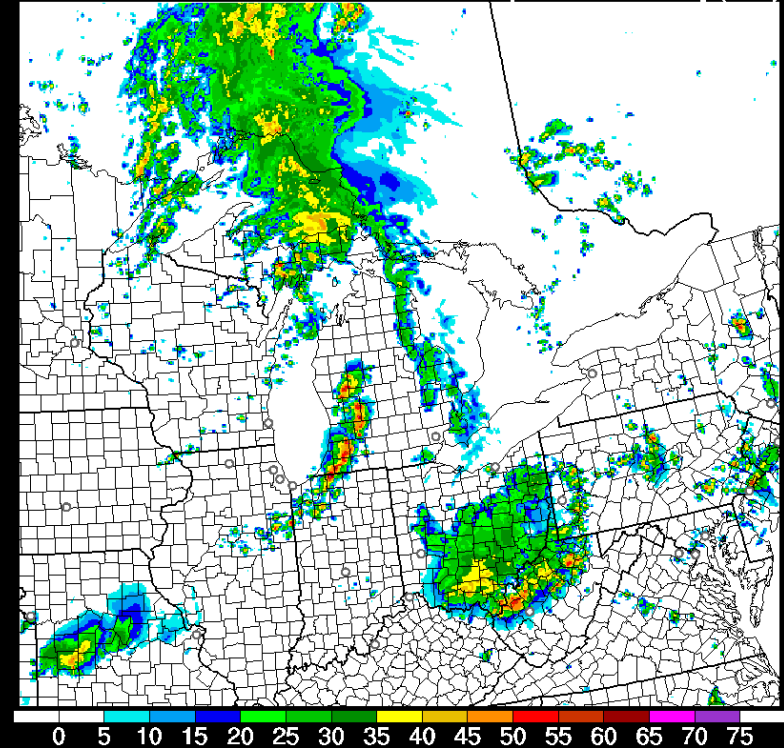
Valid 07/09/2013 22:00 UTC  
Composite Reflectivity (dBZ)



**Forecast Radar- 6 p.m.**

HRRR 07/09/2013 (12:00) 14h fcst - Experimental

Valid 07/10/2013 02:00 UTC  
Composite Reflectivity (dBZ)



**Forecast Radar- 10 p.m.**



[weather.gov/grandrapids](http://weather.gov/grandrapids)

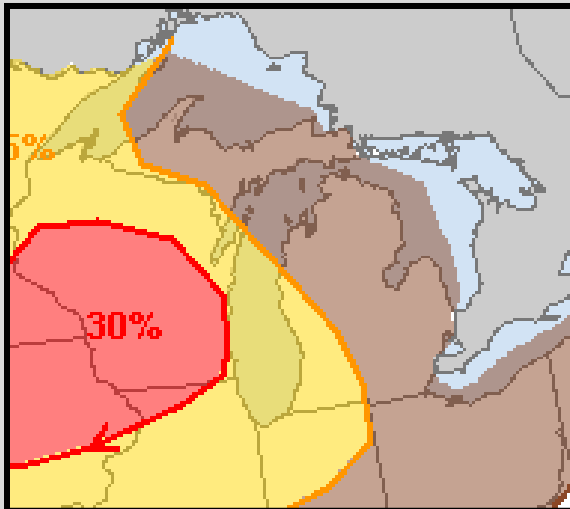




Slide #4

# Severe Weather Threats

## Tuesday Evening

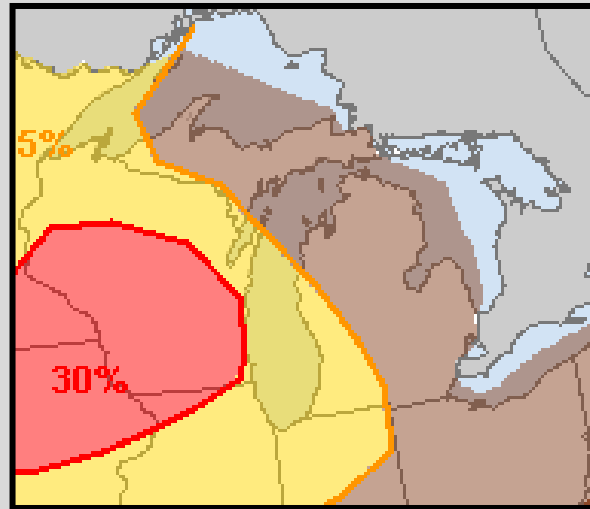


### Damaging Winds

**60 mph and Stronger**

**Lines of Storms and  
Individual Storms**

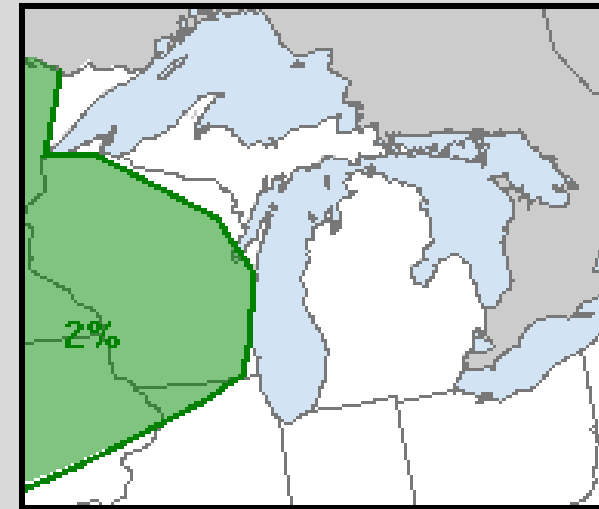
**Southern Lower  
Michigan**



### Large Hail

**Greater Than 1"  
in diameter**

**Southern Lower  
Michigan**



### Tornado

**No Tornado Threat  
Expected Through Late  
Tuesday**



[weather.gov/grandrapids](https://weather.gov/grandrapids)





Slide #5

# Hazards Summary Review



## This afternoon and overnight

- **Damaging Winds and Large Hail Possible Late Evening**
  - **Southern Lower Michigan – Greatest Threat West of 131 and South of I-96**
- **Main Threat is Damaging Wind**
  - **Along and West of Highway 131 and Mainly South of I-96**
- **Localized Flooding Possible – Especially Along and South of I-96**



[weather.gov/grandrapids](https://weather.gov/grandrapids)



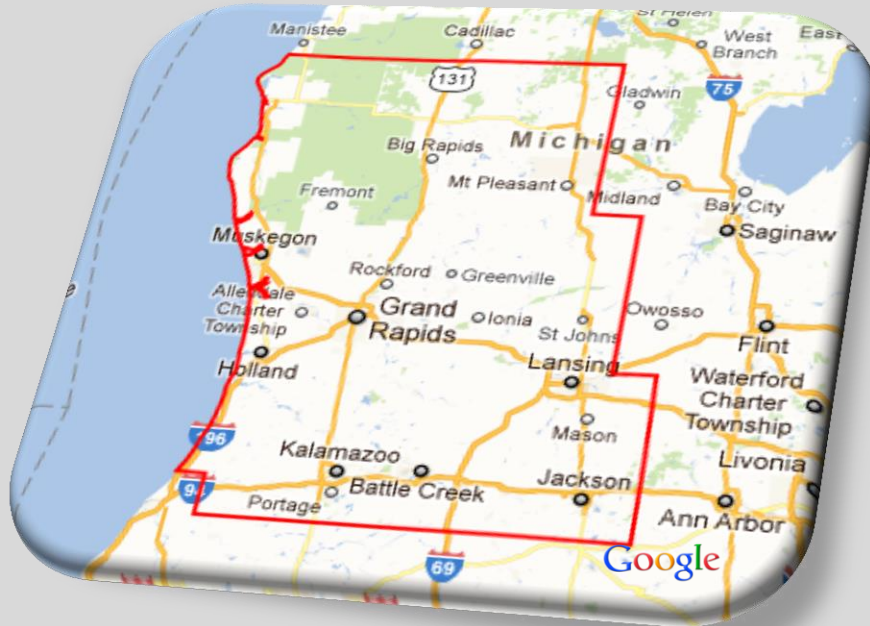




Slide #6

# Important Web Links

Click the Links Below for More Information



**Severe Weather Briefing Slides**

[www.weather.gov/grr/webinars](http://www.weather.gov/grr/webinars)

**Regional Weather Radar Loop**

[www.weather.gov/radar](http://www.weather.gov/radar)

**Severe Weather Summary**

[www.crh.noaa.gov/hazards/grr](http://www.crh.noaa.gov/hazards/grr)

**Storm Prediction Center**

[www.spc.noaa.gov](http://www.spc.noaa.gov)

**NOAA National Weather Service - Grand Rapids, Michigan**

[www.weather.gov/grandrapids](http://www.weather.gov/grandrapids)

Email: [w-grr.webmaster@noaa.gov](mailto:w-grr.webmaster@noaa.gov)

Phone: 616-949-0643



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